# 10/811, 435

## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3845	(359/290,291,292,295,298,237, 224,572,573).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/09 21:36
Ļ2	29360	(MEMS or (microelectromechanical adj2 (system or device)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/09 21:37
L3	562878	(membrane\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/09 21:37
L4	11408	((optic\$4 near3 active) adj2 (portion\$1 or layer\$1 or material\$1 or region\$1 or part\$1 or section\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/09 21:38
L5	82590	(optic\$4 near3 active)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/09 21:38
L6	286	(non-optic\$4 near3 active)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/09 21:38
L7	2272970	substrate\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/09 21:38
L8	5523298	(gap\$1 or opening\$1 or trench\$2 or hole\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/09 21:39
L9	50	3 same 4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/09 21:39
L10	419	3 same 5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/09 21:39
·L11	439296	7 same 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/09 21:39
L12	50	9 and 10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/09 21:40

### **EAST Search History**

L13	15	11 and 12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/09 21:40
L14	8	2 and 13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/09 21:40
L15	7	1 and 14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/09 21:41
L16	19038	(optic\$2 adj2 energ\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/09 21:41
L17	0	14 and 16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF '	2006/12/09 21:41
L18	. 0	15 and 16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/09 21:42
L19	1038122	(reflec\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR .	OFF	2006/12/09 21:42
L20	8911	11 same 19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/09 21:42
L21	5	12 and 20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/09 21:42

12/9/06 9:43:29 PM Page 2

# 10/811,435

## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(mems or (microelectromechanical adj2 (system or device))) and (membrane\$1 same ((optic\$4 near3 active) adj2 (layer\$1 or material\$1 or (portion\$1 or area\$1 or section\$1 or region\$1 or part\$1))) and (membrane\$1 same ((non-optic\$4 near3 active) adj2 (layer\$1 or material\$1 or portion\$1 or area\$1 or section\$1 or region\$1 or part\$1))) and (substrate\$1 with (gap\$1 or opening\$1 or hole\$1 or trench\$2))).clm.	US-PGPUB	OR .	OFF	2006/12/09 21:46

12/9/06 9:46:40 PM